Creamer Environmental, Inc.
12 Old Bridge Road, Cedar Grove, NJ 07009

CEI Job #16-0463

Metal Bank NPL Site
Philadelphia, PA
Turbidity Monitoring Form

Date: 6/16/16 Name of Person Performing Monitoring: Stephen Kuhnert

Please Circle Active Rip Rap Installation Location: Zone 1 Zone 2 (Zone 3)

Please circle "Initial" if this is the **first day of work** in the zone indicated above, if so monitoring is to be every 2 hours: Initial

Time	Depth of Reading Below Surface (Ft)	M^1UP (NTU)	Depth of Reading Below Surface (Ft)	M^1DN (NTU)	Depth of Reading Below Surface (Ft)	Intermediate UP (NTU)	Depth of Reading Below Surface (Ft)	Intermediate DN (NTU)	Depth of Reading Below Surface (Ft)	M^2UP (NTU)	Depth of Reading Below Surface (Ft)	M^2DN (NTU)
9:41	12'6"	107.8	14'	104.3	15'	106.3	16'	101.7				
2:00	10'	110.6	11'	109.4	14	111.5	15'	108.6				

If the level of turbidity at the down gradient location is 15% greater or more than 35 NTUs greater than the level at the up-gradient location, whichever is greater, CEI will notify the Construction Manager and RA Consultants LLC immediately for re-evaluation of work activities.

During low tide or when the water depth is not adequate for the boat to operate, monitoring will be suspended at that time and noted as "Low Tide".
If turbidity is detected at M^1UP, CEI will monitor at the Combined Sewer Overflow (CSO) outfall as well as within the turbidity barrier.

Time	Depth of Reading Below Surface (Ft)	CSO Outfall (NTU)	Depth of Reading Below Surface (Ft)	Inside Turbidity Barrier (NTU)	Time	Depth of Reading Below Surface (Ft)	CSO Outfall (NTU)	Depth of Reading Below Surface (Ft)	Inside Turbidity Barrier (NTU)	Time	Depth of Reading Below Surface (Ft)	CSO Outfall (NTU)	Depth of Reading Below Surface (Ft)	Inside Turbidity Barrier (NTU)